



**Does Not Comply**  
**Corrected Diskette Needed**

OIFE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/092,411

DATE: 03/28/2002

TIME: 16:16:38

Input Set : D:\Gtc007.pto

Output Set: N:\CRF3\03282002\J092411.raw

4 <110> APPLICANT: Lynn Doucette-Stamm et al  
6 <120> TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS  
7 EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS  
9 <130> FILE REFERENCE: GTC-007  
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/092,411  
C--> 13 <141> CURRENT FILING DATE: 2002-03-07  
13 <160> NUMBER OF SEQ ID NOS: 5674

## ERRORED SEQUENCES

46559 <210> SEQ ID NO: 2211  
46560 <211> LENGTH: 690  
46561 <212> TYPE: DNA  
46562 <213> ORGANISM: Staphylococcus epidermidis  
46564 <220> FEATURE:  
46565 <221> NAME/KEY: unsure  
46566 <222> LOCATION: (498),(499),(500),(501),(502),(503),(504),(505),(506),(507),(508),(509),(510),(511),(512),(513),(514),(515),(516),(517),(518),(519)  
46567 <223> OTHER INFORMATION: Identity of nucleotide sequences at the above locations are unknown.

46569 <400> SEQUENCE: 2211  
46570 gtcgcaacaa tatcttcagc aagaatatgt cctaaacttt catctaaatt aacattgata 60  
46571 ttcttcactt caacctgttg ttccataata cgtttaattg cttctttaac tgatattggc 120  
46572 gttcttttct ctatagacat acactcatct ccaaaaaata ttaattttca tgatataactt 180  
46573 actcctaaca ggagggaata aatgactcat ttcacacata ttaataaaca aggtaatgct 240  
46574 aaaaagggtg atgtttctaa taaggaaaatt acaaaacgtg tagcagaagc acactcaagt 300  
46575 ataattgtta atgaaaaaat ttatagacaa attactcaaa atactaatag taaaggaaat 360  
46576 gtacttaata ctgcgcataa tgctggtatt atggcagcta aaaaacacttc tacaactcatt 420  
46577 cctagtgttc atccattagc actttacaggc atagatatat ccttcaaatg ggattcaaat 480  
E--> 46578 aatgatgttc catatcgxxx xxxxxxxxxxxx xxxxxxxx ctacaacagg taaaactggt 540  
46579 gttgaaatgg aagcattgac tgctgcttca gttcacagcac ttacaatcta tgatattgaca 600  
46580 aaagctatag acaaaaggcat gataattgga gaaacgtact tagaatctaa atctgtgtggt 660  
46581 aaactctggc acttccacag aaaaaattga  
70538 <210> SEQ ID NO: 3159  
70539 <211> LENGTH: 10182  
70540 <212> TYPE: PRT  
70541 <213> ORGANISM: Staphylococcus epidermidis  
70543 <400> SEQUENCE: 3159  
70544 Met Lys Ser Lys Pro Lys Leu Asn Gly Arg Asn Ile Cys Ser Phe Leu  
70545 1 5 10 15  
70546 Leu Ser Lys Cys Met Ser Tyr Ser Leu Ser Lys Leu Ser Thr Leu Lys  
70547 20 25 30

also from Seq. ID No. 2211

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/092,411

DATE: 03/28/2002

TIME: 16:16:50

Input Set : D:\Gtc007.pto

Output Set: N:\CRF3\03282002\J092411.raw

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71775                               9845                               9850                               9855
71776 Ile Lys Gly Leu Thr Ser Asn Glu Lys Thr Gln Phe Asp Lys Gln Leu
71777                               9860                               9865                               9870
71778 Thr Ala Leu Gln Lys Glu Phe Leu Glu Lys Val Glu His Ala His Asn
71779                               9875                               9880                               9885
71780 Leu Val Glu Leu Asn Gln Leu Gln Gln Glu Phe Asn Asn Arg Tyr Lys
71781                               9890                               9895                               9900
71782 His Ile Leu Asn Gln Ala His Leu Leu Gly Glu Lys His Ile Ala Glu
71783 9905                               9910                               9915                               9920
71784 His Lys Leu Gly Tyr Val Val Val Asn Lys Thr Gln Gln Ile Leu Asn
71785                               9925                               9930                               9935
71786 Asn Gln Ser Ala Ser Tyr Phe Ile Lys Lys Thr Ala Leu Asp Arg Ile
71787                               9940                               9945                               9950
71788 Lys Gln Ile Gln Leu Glu Thr Met Asn Ser Ile Arg Gly Ala His Thr
71789                               9955                               9960                               9965
71790 Val Gln Asp Val His Lys Ala Leu Leu Gln Gly Ile Glu Gln Ile Leu
71791                               9970                               9975                               9980
71792 Lys Val Asn Val Ser Ile Ile Asn Gln Ser Phe Asn Asp Ser Leu His
E--> 71793 9985                               9990                               9995                               1000 ← missing a digit
71794 Asn Phe Asn Tyr Leu His Ser Lys Phe Asp Ala Arg Leu Arg Glu Lys
E--> 71795                               1000                               1001                               1001
71796 Asp Val Ala Asn His Ile Val Gln Thr Glu Thr Phe Lys Glu Val Leu
E--> 71797                               1002                               1002                               1003
71798 Lys Gly Thr Gly Val Glu Pro Gly Lys Ile Asn Lys Glu Thr Gln Gln
E--> 71799                               1003                               1004                               1004
71800 Pro Lys Leu His Lys Asn Asp Asn Asp Ser Leu Phe Lys His Leu Val
E--> 71801                               1005                               1005                               1006
71802 Asp Asn Phe Gly Lys Thr Val Gly Val Ile Thr Leu Thr Gly Leu Leu
E--> 71803 1006                               1007                               1007                               1008
71804 Ser Ser Phe Trp Leu Val Leu Ala Lys Arg Arg Lys Lys Glu Glu Glu
E--> 71805                               1008                               1009                               1009
71806 Glu Lys Gln Ser Ile Lys Asn His His Lys Asp Ile Arg Leu Ser Asp
E--> 71807                               1010                               1010                               1011
71808 Thr Asp Lys Ile Asp Pro Ile Val Ile Thr Lys Arg Lys Ile Asp Lys
E--> 71809                               1011                               1012                               1012
71810 Glu Glu Gln Ile Gln Asn Asp Asp Lys His Ser Ile Pro Val Ala Lys
E--> 71811                               1013                               1013                               1014
71812 His Lys Lys Ser Lys Glu Lys Gln Leu Ser Glu Glu Asp Ile His Ser
E--> 71813 1014                               1015                               1015                               1016
71814 Ile Pro Val Val Lys Arg Lys Gln Asn Ser Asp Asn Gln Arg Tyr Lys
E--> 71815                               1016                               1017                               1017
71816 Thr Glu Glu Ser Tyr Phe
E--> 71817                               1018

```

Please make  
proper correction  
to amino acid numbering

## VERIFICATION SUMMARY

DATE: 03/28/2002

PATENT APPLICATION: US/10/092,411

TIME: 16:17:12

Input Set : D:\Gtc007.pto

Output Set: N:\CRF3\03282002\J092411.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:459 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:502 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:522 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36  
L:820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48  
L:3342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:183  
L:3403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186  
L:3518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:193  
L:4996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273  
L:5177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281  
L:11845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:585  
L:16247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:782  
L:17451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:840  
L:17658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:850  
L:17933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:863  
L:17934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:863  
L:17935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:863  
L:20728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:988  
L:21760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1035  
L:22442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1068

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/092,411

DATE: 03/28/2002

TIME: 16:17:12

Input Set : D:\Gtc007.pto

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L:22443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1068  
L:22652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1077  
L:25975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1232  
L:26886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1277  
L:46578 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:22  
L:71793 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:3159  
M:332 Repeated in SeqNo=3159